- Updates

  - TeamX pre-session update
    - Scenario selection meeting (Mark Shirley & Allan Weston) up*date
- Autonomy Element Organization update
  - Sub-elements
    - Planning ? J. Frank (.75), P. Jarvis (.5), K. Greene (.5)
    - Execution ?C. Plaunt, B. Vijaykumar, P. Tompkins (.5)
    - State Estimation ?R. Mackey (JPL), E. Balaban (.5) (TBD) JPL (TBD)
    - Mark James (SHINE) (.5)
    - Tony Barrett (?)
    - Data Analysis (Payload) ? C. Neukom (.5), R. Watson
    - Consultants ? A. Jonsson, R. Morris, V. Verma
  - [Action] Fernando Figueroa: link ADAPT testbed work to SSAT? Ask Serdar; Also, what element is he under? F. prefers to focus on health mgt
- Background material update
  - Lunar lander scenarios selected (deprecates all asteroid missions)
  - [Action] Watson to start reviewing instrument control
  - [Action] Someone gather Pathfinder/Sojourner mission data
    - Rocky7 instead?
    - $300M
    - Lessons learned
    - JPL lightweight rover research ongoing; ask Tara?
    - Will we be misled by K9?
- [Action] Start building spacecraft software architecture. Scenario => system requirements => flight software => autonomy architecture.

- Project management update (Interface with Project mgt element)
  - Risk: project lead missing
  - Risk: Flight software lead missing
  - Risk: Requirement to build interfaces between autonomy & flight software
  - Risk: need to interface spacecraft simulation and scenario simulation
- Autonomy software inventory
  - [Action] Ryan Mackey to provide documentation on SHINE
- Autonomy architecture inventory
  - [Action] Peter Jarvis get review of SAVH PlanStructure? and consider use of that
  - [Action] Vijay provide insight into choice of IDEA/PLEXIL

* [Action] ISHM & planning: consider interface of ISHM reconfiguration capabilities

- Send plan directly to execution system
- Send plan to planner and use it to bias replanning
- L2 planning never been tried; risk & opportunity!

* [Action] Ryan: integration of ISHM elements

- HyDE/Livingstone ? call conditionally
- SHINE ? lightweight, can use it more often
- ISHM to monitor planner?

- Avionics (Interface with Avionics element & SAVH)
    - Len Day?s testbed
    - SAVH testbed
    - [Action] Scott Christa: BIU simulator or did we get BUI hardware?
    - [Action] Vijay, Kevin, C. Neukom(?) ? work on porting autonomy elements to VxWorks? in preparation for deploying
- Flight software inventory (w. Len Day)
    - [Action] Someone talk to Maureen Bartholomew and Johnathan Wilmot at GSFC about getting CFS and CFE (Interface with Flight Software element element)
    - [Action] Get information from Ryan about U. Hawaii smallsat avionics (Interface with Flight Software element) *[Action] Ensure testbed accurately reflects mission hardware (e.g. reduced CPU power, memory)
    - Matt D:

snip